AD-A116 623 ARMY TRAINING DEVELOPMENTS INST FORT MONROE VA F/G 5/9
WORD CRITICALITY ANALYSIS. MOS: 17K. SKILL LEVELS 1 & 2.(U)
SEP 81 A A LONGO
UNCLASSIFIED MOS-17K NL

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UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND

FORT MONROE, VIRGINIA 23651

AD A116623

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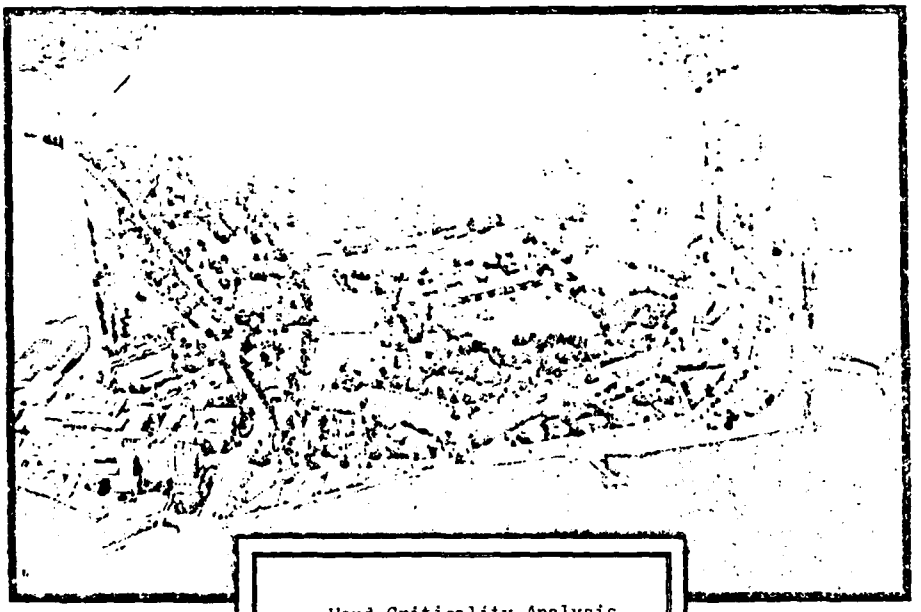

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Word Criticality Analysis

MOS: 17K

Skill Levels 1 & 2

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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
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18. SUPPLEMENTARY NOTES

19. KEY WORDS (Continue on reverse side if necessary and identify by block number)

MOS Vocabulary
Readability
Comprehension of text
Curriculum Development

20. ABSTRACT (Continue on reverse side if necessary and identify by block number)

This report contains terms selected as having some degree of criticality in the training/performance of tasks contained in the respective MOS Soldier's Manual (SM). These critical words were selected by subject matter/job experts knowledgeable in their MOS. The vocabulary set used as the basis for critical word analysis was the Word Frequency Report based on the SM for the same MOS.

DD FORM 1 JAN 73 1473 EDITION OF 1 NOV 65 IS OBSOLETE

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Contents and General Information

1. The Word Criticality Analysis (WCA) reports were reproduced exactly as generated via computer printout. The prime users of this document were fully cognizant of its contents and required no special instructions for interpretation. However, for the sake of other readers, the following brief description of contents is provided.

2. The WCA reports for most MOS are divided as follows:

- o Skill Level I
- o Skill Level II

However, due to the way some Soldier Manuals are constructed, the WCA for some MOS have both Skill Levels merged into one report. Each Skill Level is subdivided into two sections.

a. Introductory - these MOS critical words, identified by the code "TRN", represent terms unmatched on the master tape for that MOS. (Reasons for this include: words volunteered as critical; keypunching errors; updating master tapes per changes in SM, etc). NOTE: The number to the left of each critical word is its criticality index defined below.

b. Main - these MOS critical words are ranked alphabetically within a criticality index (defined below) that also is ranked from 1-5. The numbers to the right of the critical words represent the SM page on which that term appeared and its frequency of appearance. Example "222,4" is interpreted as: "4 times on page 222". NOTE: Due to computer programming/sort difficulties, the accuracy of correct page referencing is only approximately 80% for most reports. Improvements in programming and coding increased this accuracy to 95% in those reports completed last (i.e., dated Jan-Mar 82).

3. Word Criticality Index:

The following 5 point rating scale was used by a team of up to 3 subject matter experts from Army MOS proponent schools to rate each word selected as having some importance for training/performing a critical task:

1	2	3	4	5
Most Important	Highly Important	Important	Somewhat Important	Least Important

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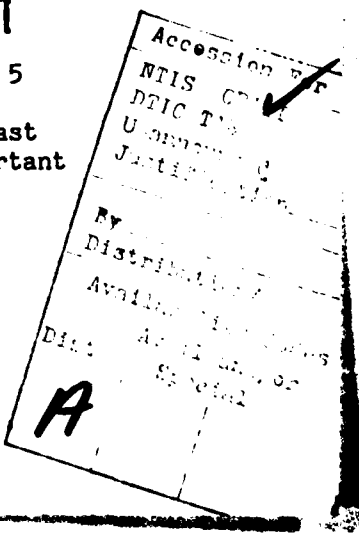

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UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND

FORT MONROE, VIRGINIA 23651

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WCA

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3 MAR 1992
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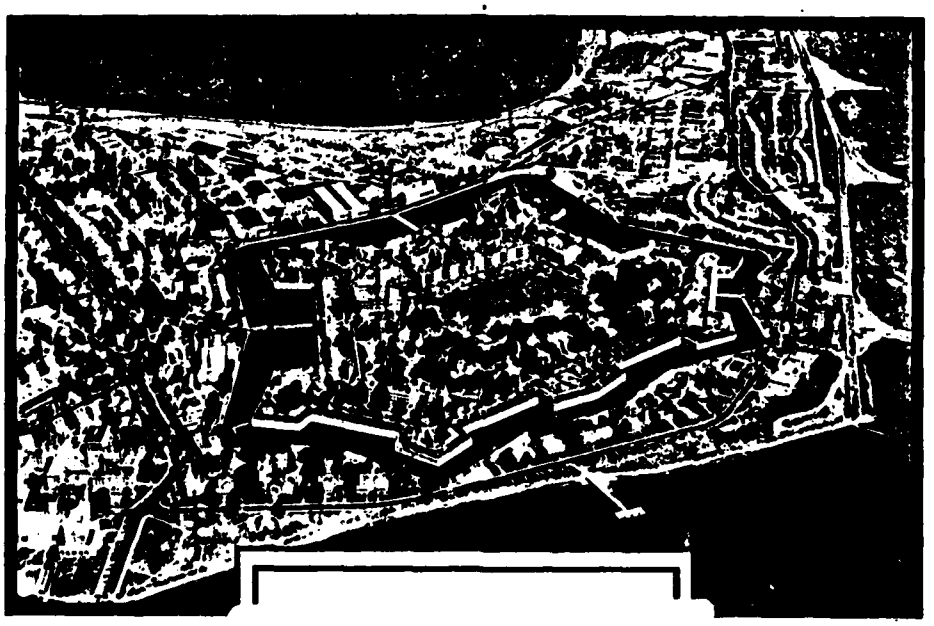

WORD CRITICALITY MERGED
MOS 17K
SKILL LEVEL 1/2

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(Complete Draft)
WORA
17K 1/2
Combined
New wksht

2	ACCURACY	TRN	80
9	ACCURACY	TRN	80
2	ACCURATE	TRN	80
2	ACCURATELY	TRN	80
9	ADJOINING	TRN	80
2	ADJUST	TRN	80
2	ADJUSTED	TRN	80
9	ADJUSTED	TRN	80
2	ADJUSTMENTS	TRN	80
1	AFC	TRN	80
2	ALIGN	TRN	80
2	ALIGN	TRN	80
9	ALIGNED	TRN	80
2	ALIGNED	TRN	80
2	ALIGNING	TRN	80
2	ALIGNMENT	TRN	80
2	ALIGNMENT	TRN	80
9	ALL TERRAIN	TRN	80
9	ALL WEATHER	TRN	80
1	AN/PPS-4A	TRN	80
1	AN/PPS5	TRN	80
9	ANGLES	TRN	80
1	ANIPPS-5	TRN	80
9	ANTENNA	TRN	80
1	ANTENNA	TRN	80
1	ANTENNA	TRN	80
9	ANTENNA	TRN	80
9	AREA	TRN	80
9	ASSETS	TRN	80
2	AUTOMATIC	TRN	80
9	AUTOMATICALLY	TRN	80
1	AZIMUTH	TRN	80
1	AZIMUTHS	TRN	80
1	AZIMUTHS	TRN	80
1	AZMUTH	TRN	80
1	B SCOPE	TRN	80
2	BACK	TRN	80
2	BACK	TRN	80
1	BATTERY	TRN	80
1	BEAM	TRN	80
2	BOUNDRIES	TRN	80
2	BOUNDRIES	TRN	80
9	BRIGHTNESS	TRN	80
4	BUBBLE	TRN	80
4	BUBBLE ON	TRN	80
1	CABLE	TRN	80
1	CABLES	TRN	80
1	CALIBRATE	TRN	80
1	CALIBRATION	TRN	80
9	CARBURETOR	TRN	80
2	CENTER	TRN	80

	TYPE	RECORD BYTES
2 CENTER	TRN	80
9 CENTERED	TRN	80
4 CHANNELS	TRN	80
3 CHART	TRN	80
5 CHECK	TRN	80
8 CHECKED	TRN	80
1 CHECKPOINTS	TRN	80
5 CHECKS	TRN	80
2 CLIFFS	TRN	80
4 COLOR	TRN	80
1 COLUMN	TRN	80
4 COMMUNICATION	TRN	80
1 COMPASS	TRN	80
1 COMPASS	TRN	80
2 CONCEALMENT	TRN	80
4 CONDITIONS	TRN	80
1 CONNECTED	TRN	80
2 CONNECTING	TRN	80
2 CONNECTORS	TRN	80
1 CONTOUR	TRN	80
1 CONTROLS	TRN	80
1 CONVERT	TRN	80
1 CONVERTED	TRN	80
1 COORDINATE	TRN	80
1 COORDINATE	TRN	80
1 COORDINATES	TRN	80
1 COORDINATES	TRN	80
3 COORDINATION	TRN	80
4 CORRECTLY	TRN	80
1 COUNTER	TRN	80
2 COUNTER	TRN	80
9 COUNTERCLOCKWISE	TRN	80
1 COUNTERMEASURES	TRN	80
1 COVER	TRN	80
9 COVERAGE	TRN	80
1 CROSSHAIR	TRN	80
1 CROSSHAIRS	TRN	80
9 DATA	TRN	80
3 DATA	TRN	80
2 DECEPTION	TRN	80
1 DECLINATION	TRN	80
1 DEGREES	TRN	80
3 DESCRIPTION	TRN	80
2 DESIGNATED	TRN	80
2 DESIGNATED	TRN	80
5 DESTINATION	TRN	80
1 DETECTED	TRN	80
2 DETERMINE	TRN	80
2 DEVIATION	TRN	80
9 DIGITS	TRN	80
1 DIPS	TRN	80

		TYPE	RECORD BYTES
2	DIRECTION	TRN	80
2	DISASSEMBLE	TRN	80
3	DISCONNECT	TRN	80
2	DISPLAY	TRN	80
3	DISSEMINATE	TRN	80
2	DISTANCE	TRN	80
2	DISTORTION	TRN	80
1	DRAW	TRN	80
1	ECM	TRN	80
2	ECM	TRN	80
3	ELECTRONIC	TRN	80
3	ELECTRONIC	TRN	80
4	ELEVATED	TRN	80
2	ELEVATION	TRN	80
1	ELEVATION	TRN	80
1	EMPLACED	TRN	80
1	EMPLACED	TRN	80
2	EMPLOYMENT	TRN	80
4	ENVIRONMENT	TRN	80
4	ENVIRONMENT	TRN	80
4	EQUIPMENT	TRN	80
4	EXPOSE	TRN	80
3	EXTENSION	TRN	80
1	FEEDHORN	TRN	80
3	FM	TRN	80
2	FOCUS	TRN	80
3	FREQUENCY	TRN	80
2	GAIN	TRN	80
1	GRID	TRN	80
1	GRID	TRN	80
1	GRIDLINE	TRN	80
1	GRIDLINES	TRN	80
1	HEADPHONES	TRN	80
1	HEADSETS	TRN	80
2	HILLS	TRN	80
2	HILLTOP	TRN	80
2	HORIZON	TRN	80
2	IDENTIFIED	TRN	80
2	IDENTIFY	TRN	80
2	IDENTIFY	TRN	80
3	INDENTIFIED	TRN	80
3	INDICATED	TRN	80
3	INDICATION	TRN	80
2	INDICATOR	TRN	80
2	INDICATOR	TRN	80
3	INFORMATION	TRN	80
1	INTERSECT	TRN	80
1	INTERSECTION	TRN	80
3	INTERVAL	TRN	80
1	INTERVAL	TRN	80
1	JAMMING	TRN	80

		TYPE	RECORD BYTES
3	LEFT	TRA	80
2	LEGEND	TRA	80
1	LENSATIC	TRA	80
1	LENSATIC	TRA	80
3	LEVEL	TRA	80
4	LOCATE	TRA	80
4	LOCATION	TRA	80
4	LOCATION	TRA	80
4	LOG	TRA	80
2	MAGNETIC	TRA	80
1	MAP	TRA	80
1	MAPS	TRA	80
2	MARGIN	TRA	80
2	MARGINAL	TRA	80
1	MARGINAL	TRA	80
2	METER	TRA	80
2	METER	TRA	80
2	METERS	TRA	80
2	METERS	TRA	80
1	MIL	TRA	80
1	MILL	TRA	80
1	MILS	TRA	80
1	MILS	TRA	80
2	MODE	TRA	80
2	MONITORING	TRA	80
4	MOVEMENT	TRA	80
1	MULTIMETER	TRA	80
4	NAVIGATE	TRA	80
4	NAVIGATE	TRA	80
4	NAVIGATION	TRA	80
3	NORTH	TRA	80
3	NORTH	TRA	80
2	OPERATOR	TRA	80
2	OPTIMIZE	TRA	80
3	ORGANIZATIONAL	TRA	80
1	ORIENT	TRA	80
1	ORIENT	TRA	80
1	ORIENTATION	TRA	80
1	ORIENTATION	TRA	80
1	ORIENTED	TRA	80
1	ORIENTED	TRA	80
2	OVERLAY	TRA	80
2	OVERLAYS	TRA	80
1	PEAK	TRA	80
3	PLOT	TRA	80
3	PLOTTED	TRA	80
1	PLOTTER	TRA	80
4	POSITION	TRA	80
1	PPS-4A	TRA	80
4	PRESENTATION	TRA	80
4	PRESENTATIONS	TRA	80

SEQUENTIAL DATA MANAGER PAGE NO 6 TYPE RECORD BYTES

2	PROTRACTOR	TRN	80
2	PROTRACTOR	TRN	80
1	RADAR	TRN	80
1	RADAR	TRN	80
1	RADARS	TRN	80
4	RANGE	TRN	80
4	RANGE	TRN	80
1	RECEIVER-TRANSMITTER	TRN	80
3	RECEPTACLE	TRN	80
1	RECIEVER	TRN	80
1	REFLECTOR	TRN	80
2	REMOTE	TRN	80
2	RESECTION	TRN	80
2	RIDGES	TRN	80
1	RT	TRN	80
2	SADDLE	TRN	80
2	SCAN	TRN	80
2	SCOPES	TRN	80
3	SEARCH	TRN	80
2	SEARCHING	TRN	80
1	SEARCHLIGHT	TRN	80
2	SECTOR	TRN	80
4	SHEET	TRN	80
3	SIGHTINGS	TRN	80
3	SIGNAL	TRN	80
3	SIGNAL	TRN	80
4	SITE	TRN	80
4	SITUATION	TRN	80
2	SIX-DIGIT	TRN	80
2	STAND-BY	TRN	80
3	SUBORDINATE	TRN	80
3	SUPERVISES	TRN	80
1	SURVEILLANCE	TRN	80
1	SURVEILLANCE	TRN	80
4	SWEEP	TRN	80
3	SWITCH	TRN	80
3	SYMBOLS	TRN	80
3	SYMBOLS	TRN	80
2	TACTICAL	TRN	80
1	TARGET	TRN	80
1	TARGET	TRN	80
2	TELESCOPE	TRN	80
3	TERRAIN	TRN	80
2	TOPOGRAPHIC	TRN	80
3	TOPOGRAPHIC	TRN	80
3	TOPOGRAPHICAL	TRN	80
4	TRACE	TRN	80
3	TRACING	TRN	80
3	TRANSMIT	TRN	80
1	TRIPOD	TRN	80
3	TROUBLESHOOTING	TRN	80

	TYPE	RECORD BYTES
8 VALLEYS	TRA	80
3 VEHICLES	TRA	80
3 VERTICAL	TRA	80
2 VIDEO	TRA	80
3 WINGNUTS	TRA	80
3 WINGSCREW	TRA	80

MASTER READ	1288	TRANS READ	287	UPDATED RECORDS	93
LRECL	32	LRECL	80	LRECL	32
BLKSIZE	3136	BLKSIZE	8000	BLKSIZE	3136

```
SYNCSORT  IV-AND-A-HALF COPYRIGHT WHITLOW COMPUTER SYSTEMS,INC. 1979   REL 2.3EN  DATE=81/036 TIME=01.36.14
                                        HVT  REL 21.8  CPU MODEL   65
SORT FIELDS=(1,25,CH,A)                                              60000100
WER136B  DCB PARM MISSING ON SORTIN DD
WER164B  CORE AVAIL 0114688,REQ    MAX    ,USED 0114688
WER151B  SECONDARY EXTENTS OBTAINED 000
WER036B  B =       62
WER038B  NMAX =   292681
WER163B  TRCKS-PRIM=000760,SEC=00000,REL=00000
WER037B  G =      1366
WER177I  TURNAROUND SORT PERFORMED
WER045C  END SORT PH
WER246I  FILESIZE 2,976 BYTES
WER054I  RCD IN         93, OUT         93
WER169I  TPPTS APPLIED 1234
WER052I  END SYNCSORT   OPT= M,  TMER01P7,STEP3    ,
```

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EU1CTU02   006  81036/810205  0136   EASY RETRIEVAL AND DATA MANIPULATOR                    PAGE NO     1 TYPE  RECORD BYTES
...5...10...15...20...25...30...35...40...45...50...55...60...65...70...75...80...85...90...95..100..105..110..

HEADER1 'MDS WORD LIST BY PAGE' TO 50                                          00000100
HEADER2 ' ' TO 1                                                               00000200
IF EOJ W2 ENDRUN                                                               00000300
IF 2 GT "EF" GOBACK                                                            00000400
IF SYSIN = 1 MOVE 1 TO H1,25 MOVE SPACES TO 1,132                              00000500
         MOVE 1 TO 1,1                                                         00000600
         MOVE 2 TO 4,30                                                        00000700
         GOBACK                                                                00000800
IF 1 NE H1,25 W2 MOVE SPACES TO 1,132 MOVE 1 TO 1,1                            00000900
         MOVE 2 TO 4,30                                                        00001000
         MOVE 1 TO H1,25                                                       00001100
         GOBACK                                                                00001200
IF R34 = ' ' MOVE 26 TO 34,7 GOBACK                                            00001300
IF R42 = ' ' MOVE 26 TO 42,7 GOBACK                                            00001400
IF R50 = ' ' MOVE 26 TO 50,7 GOBACK                                            00001500
IF R58 = ' ' MOVE 26 TO 58,7 GOBACK                                            00001600
IF R66 = ' ' MOVE 26 TO 66,7 GOBACK                                            00001700
IF R74 = ' ' MOVE 26 TO 74,7 GOBACK                                            00001800
IF R82 = ' ' MOVE 26 TO 82,7 GOBACK                                            00001900
IF R90 = ' ' MOVE 26 TO 90,7 GOBACK                                            00002000
IF R98 = ' ' MOVE 26 TO 98,7 GOBACK                                            00002100
IF R106 = ' ' MOVE 26 TO 106,7 GOBACK                                          00002200
IF R114 = ' ' MOVE 26 TO 114,7 GOBACK                                          00002300
IF R122 = ' ' MOVE 26 TO 122,7 GOBACK                                          00002400
W2 MOVE SPACES TO 1,132 MOVE 26 TO 26,7                                        00002500

OWNCODE   382          CONSTANTS    41 FULLWORDS     0 RETURN    64
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EU1CTU02   006  81036/810205  0136   EASY RETRIEVAL AND DATA MANIPULATOR                    PAGE NO     2 TYPE  RECORD BYTES
...05...10...15...20...25...30...35...40...45...50...55...60...65...70...75...80...85...90...95..100..105..110..

 JOBNAME=TMERO1P7 STEP=STEP5   STEP=
  DDNAME=SYSPRINT UNIT=642
  DDNAME=SYSOUT   UNIT=643
  DDNAME=SYSUDUMP UNIT=644
  DDNAME=SYSUT1   UNIT=169       DSN=SYS81035.T174905.RV000.TMERO1P7.PRINT        SER=TAKU04
  DDNAME=SYSUT2   UNIT=646       DSN=SYS81035.T174905.RV000.TMERO1P7.P0003700     SER=
  DDNAME=SYSIN    UNIT=162

 SYSUT1 INPUT        93   SYSUT2 OUTPUT       27   SYSUT3 OUTPUT        0   SYSUT4 OUTPUT        0
 LRECL               32   LRECL              133   LRECL                0   LRECL                0
 BLKSIZE           3136   BLKSIZE            133   BLKSIZE              0   BLKSIZE              0
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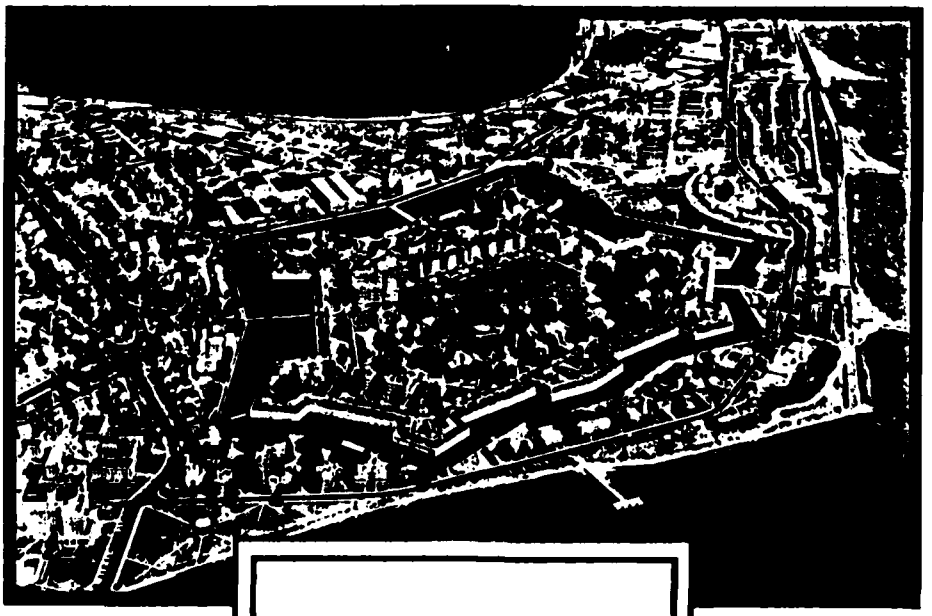

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